

INTERNATIONAL SEARCH REPORT

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International Application No
PCT/EP 03/51043

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D401/14 C07D405/14 C07D413/14 A61K31/55
 //(C07D401/14,241:00,223:00,211:00),(C07D405/14,307:00,241:00,
 223:00,211:00),(C07D413/14,261:00,241:00,223:00,211:00),

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, WPI Data, EPO-Internal, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/062784 A (HOFFMANN LA ROCHE) 15 August 2002 (2002-08-15) cited in the application claim 9	1,12,14, 16
Y	WO 97/16440 A (JANSSEN PHARMACEUTICA NV ;JANSSENS FRANS EDUARD (BE); SOMMEN FRANC) 9 May 1997 (1997-05-09) cited in the application claim 1; tables 1,2,4,6,7	1,12,14, 16
Y	WO 02/32867 A (GLAXO GROUP LTD ;TRANQUILLINI MARIA ELVIRA (IT); MARAGNI PAOLO (IT) 25 April 2002 (2002-04-25) cited in the application claim 1	1,12,14, 16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 April 2004

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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 (C07D401/14, 241:00, 231:00, 223:00, 211:00)

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Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/24356 A (JANSSEN PHARMACEUTICA NV ;JANSSENS FRANS EDUARD (BE); LEENAERTS JO) 10 July 1997 (1997-07-10) claim 1 -----	1, 12, 14, 16

☐ Further documents are listed in the continuation of box C.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/51043

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02062784	A	15-08-2002	BR 0206915 A CA 2435946 A1 WO 02062784 A1 EP 1360184 A1 US 2002151547 A1	03-02-2004 15-08-2002 15-08-2002 12-11-2003 17-10-2002
WO 9716440	A	09-05-1997	AT 188691 T AU 704155 B2 AU 7493296 A BR 9611184 A CA 2234096 A1 CN 1438220 A CN 1205699 A , B CY 2177 A CZ 9801322 A3 DE 69606196 D1 DE 69606196 T2 EA 980404 A1 WO 9716440 A1 EP 0862566 A1 ES 2143238 T3 GR 3033154 T3 HR 960507 A1 HU 9802985 A2 IL 123962 A JP 11514634 T JP 3073238 B2 NO 981534 A NZ 321575 A PL 327406 A1 PT 862566 T SI 862566 T1 TR 9800756 T2 TW 460473 B US 6197772 B1 US 6521621 B1 US RE37886 E1 ZA 9609090 A	15-01-2000 15-04-1999 22-05-1997 30-03-1999 09-05-1997 27-08-2003 20-01-1999 23-08-2002 16-09-1998 17-02-2000 21-09-2000 29-10-1998 09-05-1997 09-09-1998 01-05-2000 31-08-2000 28-02-1998 28-10-1999 11-01-2001 14-12-1999 07-08-2000 24-06-1998 28-05-1999 07-12-1998 30-06-2000 30-04-2000 21-07-1998 21-10-2001 06-03-2001 18-02-2003 15-10-2002 29-04-1998
WO 0232867	A	25-04-2002	AU 9572301 A BR 0114637 A CA 2425876 A1 EP 1326832 A1 WO 0232867 A1 NO 20031561 A US 2004014770 A1	29-04-2002 30-09-2003 25-04-2002 16-07-2003 25-04-2002 14-06-2003 22-01-2004
WO 9724356	A	10-07-1997	AT 208392 T AU 716071 B2 AU 1308697 A BR 9612307 A CA 2238817 A1 CN 1206417 A , B CY 2271 A CZ 9801865 A3 DE 69616802 D1 DE 69616802 T2 DK 843679 T3	15-11-2001 17-02-2000 28-07-1997 13-07-1999 10-07-1997 27-01-1999 04-07-2003 11-11-1998 13-12-2001 04-07-2002 25-02-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/51043

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9724356	A	EA 1374 B1	26-02-2001
		WO 9724356 A1	10-07-1997
		EP 0843679 A1	27-05-1998
		ES 2167619 T3	16-05-2002
		HK 1011206 A1	22-03-2002
		HU 9903948 A2	28-03-2000
		IL 124641 A	25-11-2001
		IL 124642 A	14-08-2002
		JP 2000506503 T	30-05-2000
		NO 982405 A	19-08-1998
		NZ 325845 A	29-06-1999
		PL 327136 A1	23-11-1998
		PT 843679 T	29-04-2002
		SI 843679 T1	30-06-2002
		SK 83098 A3	11-01-1999
		TR 9801210 T2	21-10-1999
		TW 382017 B	11-02-2000
		US 6251894 B1	26-06-2001
		ZA 9610889 A	23-06-1998
